10 per cent. discount allowed to R.A.F. Officers, Club Members and National League of Airmen.

Write for fully Illustrated Catalogue Post Free



Best Chrome Leather Helmets

Air Ministry pattern, chameis lined, Serbo 15/-
22/6. Ditto, for trimmed, 17/6, 25/
EARPHONES chrom, plated, flat type 7/6
GAUNTLETS, from 12/6
SILK UNDER-GLUVES, for warmth,
Single texture. 2/6. Double texture. 5/ GOGGLES, ALL LUXOR TYPES in stock, perfect
fitting, 25/-, 35/-, 40/-, 45/-, 85/
PILOT GOGGLE Royd, with complete spange-
rubber mask, Triplex lanses, exclusive spring-leather head-band 19/6 R.A.F. model FULL SIGHT GOGGLES. Widest
R.A.F. model FULL SIGHT GOGGLES. Widest
field of view of any goggle. Adjustable chrome leather strap. Adequate ventilation. With extra
patr of apare lenses
FLYING or RACING GOGGLE, adjustable nose-
piece, sponge-rubber pads, Triplex lenses, ventilated eye-pieces 24/-
GOGGLES, TRIPLEX LENSES, with sponge-
rubber pads, shallow full vision cups, strong
elastics 7/6, 15/-, 25/- R.A.F. PATTERN LEATHER COAT. Sneet quality
full chrome, lined beavy flecce \$ and 6 Gas.
full chrome, lined beavy fleece 5 and 6 Gas. Ditto, slightly soiled, trom 84-
LEATHER COATS in other styles from 90/-
LEATHER COMBINATION SUIT, heavy fleece lined, fur collar, zip front, wrists, ankles, map and
ship pockets ff 17 6
shin pockets
R.A.F. pattern gapardine tiying tull 40/"
SHEEPSKIN FLYING BOOTS, zip from 50/-

D. LEWIS (Dept. P) 124, GT. PORTLAND ST., LONDON, W.1

Tel.: Museum 4314. Tel.: "Aviakit, Wesdo, London"
Works: Harrow, Middlesex.

Agents in Belgium, India, Portugal, Holland, S. Africa, Greece and Denmark. Manufacturers, Government Contractors and Designers. Trade and Clubs supplied.

Write fer our specie. quotations for counties bayers.

THE CRUISER "PUP"
The Ideal Beginner's Model, 29 in. Span, Total weight 1) oza. Easy to build and easy to fly!

Average duration one minute.
Flights of up to 5 minutes' duration have been made with this fascinating Model.

COMPLETE KIT 6/6. Post paid U.K.
Send for the PREMIER GUIDE 41., post paid.

PREMIER AEROMODEL SUPPLIES,
2a, Hornsey Rise, London, N.19.

'Phone: ARC 2376.

Airgrounds

FOR information regarding reasonably priced Airgrounds (house and landing ground) write to; Air Estates, Limited, Manfield House, Strand, W.C.2. Temple Bar 7641/2.

Wanted

"FLIGHT," Vots. 14-20; "Aero," Vots. 3-4; "Aeroplane," any complete Volumes, and any pre-war publications. Latest type air log, floor type drift sight, and Williamson camera for vertical work. Warden Aviation, Biggleswade, Beds.

Models and Parts

KANGA AERO MODELS, 1, Colonnade Passage, Birmingham. All materials and blue prints for PETROL and RUBBER models. Catalogue 6d. post free.

MODEL PETROL ENGINES, blueprints, propellers, kits and all materials. Lists 2d. stamp. Model Aircraft Stores, 127b, Hankinson Road, Bournemouth.

Books

NEVILLES AVIATION SUPPLIES, LTD., 113, St. Peter's Street, St. Albans ('Phone 423, Cables "Nevilaysup London') for all Air Ministry Publications, Aeronautical Books and Civil Air Maps.

AUTOMOTIVE ENGINES

DESIGN : PRODUCTION : TESTS

By P. M. HELDT

This volume, the eighth edition of the Gasoline Motor, explains the latest methods of automotive engine construction. One complete new chapter has been included on Torsional Vibration and Vibration Dampers. The book contains a copious index, 430 illustrations, tables, charts and diagrams and 12 plates showing various engine types.

Demy 8vo, 508 pages. Bound in Cloth Boards.

PRICE 30/- NET By Post 30/9

Obtainable from-

ILIFFE & SONS LTD.

Dorset House, Stamford Street, London, S.E.1

P. S. & I. O. W. A. LTD.

Inquiries are invited for :-

- Aircraft and Engine Overhauls
 Deferred Payment Terms Available.
- Maintenance Contracts for Air Lines, Glubs, Schools etc. at home and abroad.
- Sub Contract Work.

FOR SALE

Gipsy I Moth £350. Gipsy I Engine Completely Overhauled £90. Also Genet Major Engines Completely Overhauled (2). Harley Landing Lights, new (3 sets). Fox Moth Wing (Lower Port), Moth Wing (Top Starboard), Moth Rudder and Tail Plane. Lynx IV.C. Engine Spares.

For full particulars applyto:—The Chief Engineer, PORTSMOUTH, SOUTHSEA & ISLE OF WIGHT AVIATION LTD., THE AIRPORT, PORTSMOUTH.

Tel.: PORTSMOUTH 74374.

THE AIRPORT, PORTSMOUTH.

USE THE G.Q. 100%

BRITISH PARACHUTE

Approved by
THE BRITISH
AIR MINISTRY

Demonstration upon Request.

THE G.Q. PARACHUTE Co. Ltd Stadium Works. Woking, Surrey.



The Leading Motoring Journal.

EVERY FRIDAY 4d.

INDEX TO ADVERTISERS

INDEX TO ADTERTISERS				
Airports, Ltd. 2 Air Service Training, Ltd. 25	Cinque Porta Flying Club 22	Kayser Ellison & Co., Ltd 21	Priestman, T. J., Ltd 20	
Airwork, Ltd 5	Clarke, Chapman & Co., Ltd 22 College of Aeronautical Engineering	Lewis, D., Ltd	Rolls-Royce, Ltd 19	
Arado Flugzeugwerke G.m.b.H. Supp. iv Armstrong Siddeley Motors, Ltd. Supp. i	De Havilland Aircraft, Ltd. Supp. in Doncaster Airport 22	College 25 Loughborough College 25 Metropolitan Vickers Electrical	Shackleton, W. S., Ltd 24 Simmonds Development Corpora-	
Avimo, Ltd	Fairey Aviation Co., Ltd 8	Co., Ltd 4	Technological Institute of Great Britain 25	
Briags Motor Bodies 24 Bristol Aeropiane Co., Ltd.	Gibbons, James, Ltd	National Benzole Co., Ltd 10	Terry, Herbert, & Sous, Ltd 4	
Cover 2 and 4 British Institute of Engineering Technology	Hawker Aircraft, Ltd 17 Helliwells, Ltd	Nicklin, J. C., Ltd	ALCELLATORS & species wasselful making as were	
Brown Bros. Ltd. 21 Brown E. G., & Co., Ltd. 1	High Duty Alloys, Ltd Cover 3 Hills, F., & Sons, Ltd 23	Peto & Radford, Ltd 2	Ltd 24	
Bucker Flugseughan G.m.b.H 7 Burberrys, Ltd 20	International Correspondence Schools 25 Irving Air Chute of Gt. Britsin,	Wight Aviation, Ltd 26	Worcestershire Flying School 25	
Chilton Aircraft 24	Ltd Supp. ii	Premier Aeromodel Supplies 26	Yapton Aero Club 25	